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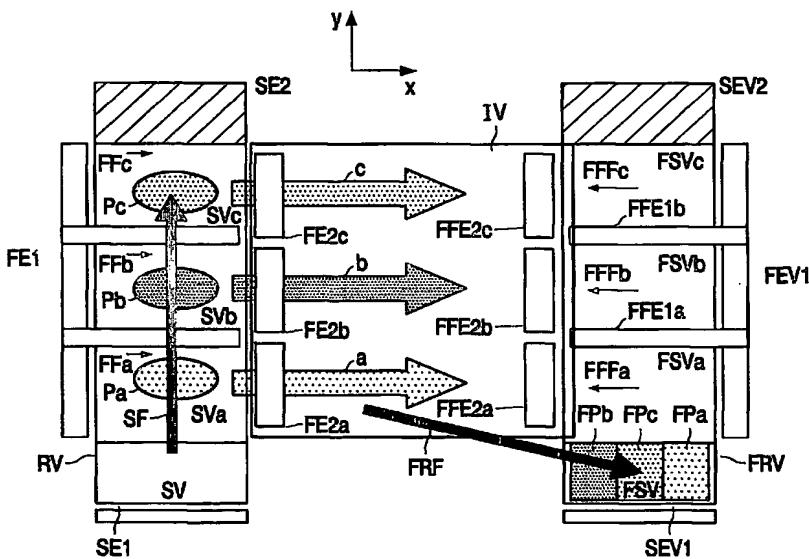
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(54) Title: ELECTROPHORETIC DISPLAY



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(57) Abstract: An electrophoretic display comprises a pixel (10) which has a pixel volume (PV) comprising a reservoir volume (RV) and an image volume (IV). Different types of particles (Pa, Pb, Pc) which have different colors and different electrophoretic mobility's are present in the pixel volume (PV). An amount of the particles (Pa, Pb, Pc) present in the image volume (IV) determines a visible color of the pixel. Select electrodes (SE1, SE2) generate in the reservoir volume (RV) a select electric field (SF) which separates the different types of particles (Pa, Pb, Pc) in different sub-volumes (SVa, SVb, SVc) in the reservoir volume (RV). Fill electrodes (FE1, FE2) generate a fill electric field (FF) to move the different types of particles (Pa, Pb, Pc) from the different sub-volumes (SVa, SVb, SVc) into the image volume (IV).



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